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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph Tucker, et al.

Serial No.: 10/709,653

Filed: May 20, 2004

For: Self-Aligning Insert for Drill Bits



Art Unit No.: 3672

Examiner:

Docket No.: 78.1182

August 25, 2005

U.S. Patent and Trademark Office
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Randolph Building
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Alexandria, VA 22314

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Enclosed in connection with the above-captioned application are:

1. Transmittal Letter
2. Information Disclosure Statement
3. PTO/SB/08A *Information Disclosure Statement By Applicant*
4. Copies of Foreign Patents
5. Return Receipt Card

No fee is believed to be due at this time; however, the Commissioner is hereby authorized to charge any additional fees that may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 180584.

Respectfully submitted,

Jeffery E. Daly
Reg. No. 44,640
Customer No. 26932

Grant Pridaco, L.P.
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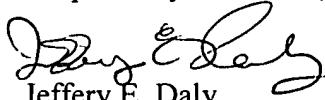
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

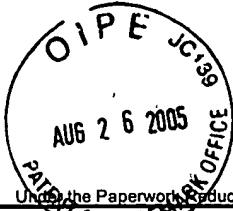
In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the reference listed on the attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed non-U.S. references are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined 37 C.F.R. § 1.56(b) exists. Furthermore, pursuant to 37 C.F.R. § 1.97(h), the filing of this statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Respectfully submitted,


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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 14

Complete if Known

Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
Examiner Name	

Attorney Docket Number 78.1182

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4150476	04-24-1979	Kita	
		US- 4077734	03-07-1978	Kita	
		US- 3603414	09-07-1971	Stbley	
		US- 4289211	09-15-1981	Lumen	
		US- 4176725	12-04-1979	Shields	
		US- 2121202	06-21-1938	Killgore	
		US- 2626128	01-20-1953	Boice	
		US- 3134447	05-26-1964	McElya et al.	
		US- 3388757	06-18-1968	Fittinger	
		US- 3401759	09-17-1968	White	
		US- 3442342	05-06-1969	McElya et al.	
		US- 3495668	02-17-1970	Schumacher Jr	
		US- 3599737	08-17-1971	Fischer	
		US- 3628616	12-21-1971	Neilson	
		US- 3726350	04-10-1973	Pessier	
		US- 3727705	04-17-1973	Newman	
		US- 3952815	04-27-1976	Dysart	
		US- 3970158	07-20-1976	Black et al.	
		US- 4006788	02-08-1977	Garner	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP0501258 A1	09-02-1992	Hughes Tool Co		
		EP0500514 A1	08-26-1992	Sandvik Aktiebo		
		EP0476352 A1	03-25-1992	Hughes Tool Co		
		EP0467870 A1	01-22-1992	Smith Inter		
		EP0453428 A1	10-23-1991	Sandvik Aktiebo		
		EP0449415 A2	02-21-1991	Camco Internat		

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Considered

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		Filing Date	May 20, 2004
		First Named Inventor	Tucker, et al.
		Art Unit	3672
		Examiner Name	
Sheet 2 of 14		Attorney Docket Number	78.1182

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		Number-Kind Code ² (<i>if known</i>)	MM-DD-YYYY		
		US- 4058177	11-15-1977	Langford, Jr et al.	
		US- 4067406	01-10-1978	Garner et al.	
		US- 4086973	05-02-1978	Keller et al.	
		US- 4108260	08-22-1978	Bozarth	
		US- 4108692	08-22-1978	Quinlan	
		US- 4140189	02-20-1979	Garner	
		US- 4148368	04-10-1979	Evans	
		US- 4150728	04-24-1979	Garner et al	
		US- 4168923	09-25-1979	Vezirian	
		US- 4181187	01-01-1980	Lumen	
		US- 4187922	02-12-1980	Phelps	
		US- 4199035	04-22-1980	Thompson	
		US- 4203496	05-20-1980	Baker, III et al.	
		US- 4211508	07-08-1980	Dill et al.	
		US- 4231438	11-04-1980	Garner et al.	
		US- 4254840	03-10-1981	Shay, Jr	
		US- 4303137	12-01-1981	Fischer	
		US- 4334586	06-15-1982	Schumacher	
		US- 4343371	08-10-1982	Baker, III et al.	

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		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)			
		EP0142941 A1	05-29-1985	Smith Internat	
		EP0955445 A2	11-10-1999	GE	
		EP0916804 A1	05-19-1999	GE	
		EP0890705 A3	01-13-1999	Baker Hughes	
		EP0852283 A3	07-08-1998	GE	
		EP0823535 A2	08-05-1997	Baker Hughes	

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Sheet	3	Filing Date	May 20, 2004
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		Art Unit	3672
		Examiner Name	
		Attorney Docket Number	78.1182

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		Number-Kind Code ² (<i>if known</i>)			
		US- 4343372	08-10-1982	Kinzer	
		US- 4359335	11-16-1982	Garner	
		US- 4372404	02-08-1983	Drake	
		US- 4386669	06-07-1983	Evans	
		US- 4393948	07-19-1983	Fernandez	
		US- 4398952	08-16-1983	Drake	
		US- 4406337	09-27-1983	Dill	
		US- 4420050	12-13-1983	Jones	
		US- 4427081	01-24-1984	Crawford	
		US- 4441566	04-10-1984	Pessier et al.	
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		US- 4481016	11-06-1984	Campbell et al.	
		US- 4531595	07-30-1985	Housman	
		US- 4554130	11-19-1985	Ecer	
		US- 4593776	06-10-1986	Salesky et al.	
		US- 4595067	06-17-1986	Drake	
		US- 4597456	07-01-1986	Ecer	
		US- 4641718	02-10-1987	Bengtsson	
		US- 4657093	04-14-1987	Schumacher	

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		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)			T ⁶
		EP0802301 A2	10-22-1997	Baker Hughes	
		EP0747566 A1	12-11-1996	Baker Hughes	
		EP0723066 A3	07-24-1996	Baker Hughes	
		EP0527506 A3	02-17-1993	Smith Inter	
		EP0511547 A2	11-04-1992	Smith Inter	
		GB2279095 A	12-21-1994	Smith Inter	

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		US- 4679640	07-14-1987	Crawford
		US- 4683781	08-04-1987	Kar et al.
		US- 4694918	09-22-1987	Hall
		US- 4708752	11-24-1987	Kar
		US- 4716977	01-05-1988	Huffstutler
		US- 4722405	02-02-1988	Langford Jr.
		US- 4764255	08-16-1988	Fischer et al.
		US- 4781770	11-01-1988	Kar
		US- 4811801	03-14-1989	Salesky et al.
		US- 4832139	05-23-1989	Minikus et al.
		US- 4867015	09-19-1989	Kane et al.
		US- 4869329	09-26-1989	Kar et al.
		US- 4887493	12-19-1989	Drake
		US- 4940099	07-10-1990	Deane et al.
		US- 4953641	09-04-1990	Pessier
		US- 4966627	10-30-1990	Keshavan et al.
		US- 4969378	11-13-1990	Lu et al.
		US- 4984643	01-15-1991	Isbell et al.
		US- 5027913	07-02-1991	Nguyen

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		GB2274129 A	07-13-1994	Smith Inter
		GB2273726 A	06-29-1994	Baker Hughes
		GB2273301 A	06-15-1994	Smith Inter
		GB2270526 A	03-16-1994	Smith Inter
		GB2253642 A	09-16-1992	Dresser Indus
		GB2158101 A	11-06-1985	Smith Inter

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Number-Kind Code ² (<i>if known</i>)					
		US- 5045092	09-03-1991	Keshavan	
		US- 5074367	12-24-1991	Estes	
		US- 5119714	06-09-1992	Scott et al.	
		US- 5145016	09-08-1992	Estes	
		US- 5158148	10-27-1992	Keshavan	
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		US- 5201376	04-13-1993	Williams	
		US- 5217081	06-08-1993	Waldenstrom et al	
		US- 5248006	09-28-1993	Scott et al	
		US- 5273125	12-28-1993	Jurewicz	
		US- 5279374	01-18-1994	Sievers et al.	
		US- 5279375	01-18-1994	Tibbitts et al.	
		US- 5281260	01-25-1994	Kumar et al.	
		US- 5282512	02-01-1994	Besson et al.	
		US- 5287936	02-22-1994	Grimes et al.	

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		GB2064619 A	06-17-1981	Smith Inter	
		EP1190791 A2	03-27-2002	Camco Inter	
		EP1182325 A1	02-27-2002	Schlumberger	
		GB2327962 A	02-10-1999	Smith Inter	
		GB2323613 A	09-30-1998	Baker Hughes	
		GB2316112 A	02-18-1998	Baker Hughes	

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		US- 5291807	03-08-1994	Vanderford et al.	
		US- 5304342	04-19-1994	Hall, Jr. et al.	
		US- 5305840	04-26-1994	Liang, et al.	
		US- 5322138	06-21-1994	Siracki	
		US- 5323865	06-28-1994	Isbell et al.	
		US- 5335738	08-09-1994	Waldenstrom et al.	
		US- 5341890	08-30-1994	Cawthorne, et al.	
		US- 5346026	09-13-1994	Pessier et al.	
		US- 5348108	09-20-1994	Scott et al.	
		US- 5348770	09-20-1994	Sievers et al.	
		US- 5351768	10-04-1994	Scott et al.	
		US- 5351770	10-04-1994	Cawthorne et al.	
		US- 5353885	10-11-1994	Hooper et al.	
		US- 5355750	10-18-1994	Scott et al.	
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Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)					
		GB2316111 A	02-18-1998	Baker Hughes	
		GB2315777 A	02-11-1998	Smith Inter	
		GB2309242 A	07-23-1997	Dresser Ind	
		GB2307918 A	06-11-1997	Smith Inter	
		GB2306989 A	05-14-1997	Baker Hughes	
		GB2305195 A	04-02-1997	Baker Hughes	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/709,653
		Filing Date	May 20, 2004
		First Named Inventor	Tucker, et al.
		Art Unit	3672
		Examiner Name	
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		Number-Kind Code ² (if known)			
		US- 5394952	03-07-1995	Johns et al.	
		US- 5407022	04-18-1995	Scott et al.	
		US- 5415243	05-16-1995	Lyon et al.	
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		US- 5421423	06-06-1995	Huffstutler	
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		GB2281330 A	03-01-1995	Smith Inter	
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		Number-Kind Code ² (<i>if known</i>)		
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		US- 5592995	01-14-1997	Scott et al.
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		US- 5678645	10-21-1997	Tibbitts et al.
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		US- 5697461	12-16-1997	Newton et al.
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Sheet	9	Filing Date	May 20, 2004
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		Art Unit	3672
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		Attorney Docket Number	78.1182

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		US- 5718948	02-17-1998	Ederyd et al.	
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		US- 5743346	04-28-1998	Flood et al.	
		US- 5746280	05-05-1998	Scott et al.	
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		US- 5758733	06-02-1998	Scott et al.	
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		US- 5791423	08-11-1998	Overstreet et al.	
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		US- 5855247	01-05-1999	Scott et al.
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		GB2345503 A	07-12-2000	Smith Inter
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		WO99/36215	07-22-1999	Dresser Ind
		WO98/59148	12-30-1998	Baker Hughes

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		Art Unit	3672
		Examiner Name	
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		US- 5992546	11-30-1999	Heinrich et al.
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		US- 6059054	05-09-2000	Portwood et al.
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		WO97/32805	10-16-1997	Smith Inter
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		WO97/35091	09-25-1997	Dresser Ind
		WO93/25795	12-23-1993	Baker Hughes
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		GB2396367 A	06-23-2004	Smith Inter

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		US- 6330924 B1	12-18-2001	Hall	
		US- 6345673 B1	02-12-2002	Siracki	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/709,653
		Filing Date	May 20, 2004
		First Named Inventor	Tucker, et al.
		Art Unit	3672
		Examiner Name	
		Attorney Docket Number	78.1182

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 6460637 B1	10-08-2002	Siracki et al.	
		US- 6484826 B1	11-26-2002	Anderson et al.	
		US- 6530441 B1	03-11-2003	Singh et al.	
		US- 6561293 B1	05-13-2003	Minikus et al.	
		US- 6571889 B2	06-03-2003	Griffo et al.	
		US- 6640913 B2	11-04-2003	Lockstedt et al.	
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FOREIGN PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 2003/0051924 A1	03-20-2003	Tsuda et al.	
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		US-			

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